

Elecraft K3 Front Panel Controls: Physical Location vs. Functions

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Front Panel

Left Side Controls (left of LCD display bezel); "Primary Controls"

Note: The first two switches in this column are "rocker" switches, with each end having different functions.

Column 1 (leftmost controls on panel)

Switch 1, left end: TAP = BAND DN; HOLD = VOX on/off

Switch 1, right end: TAP = BAND UP; HOLD = QSK on/off

Switch 2, left end: TAP = MODE DN; HOLD = ALT mode select

Switch 2, right end: TAP = MODE UP; HOLD = TX TEST on/off

Switch 3: POWER on/off

[TX and Delta F LEDS]

[PHONES JACK]

[MIC JACK]

Column 2

Switch 1: TAP = MAIN MENU; HOLD = CONFIG MENU

Switch 2: TAP = XMIT; HOLD = TUNE

Switch 3: TAP = RX ANT on/off; HOLD = sub ANT switch (MAIN/AUX)

Knob 1: Smaller knob = MAIN AF GAIN; Larger knob = SUB AF GAIN

Knob 2: Smaller knob = MAIN RF GAIN; Larger knob = SUB RF GAIN

Column 3

Switch 1: TAP = DISP (VFO B alt. displays on/off); HOLD = METER (TX bargraph)

Switch 2: TAP = ATU TUNE; HOLD = ATU normal/bypassed

Switch 3: TAP = ANT1/2; HOLD = Assign name to antenna (complex operation)

Center Controls (under LCD display bezel)

Note: Columns 1 and 2 contain two knobs each; they are the

"Multifunction Controls". Functionally, they are grouped left/right:

col 1/knob 1 and col 2/knob 1 are the DSP filter passband controls, and

col 1/knob 2 and col 2/knob 2 are control transmit functions. All

four knobs are left of the VFO A knob.

Column 1

Knob 1: SHIFT or LO-CUT; TAP = SHIFT/LO select; HOLD = NORMalize filter

Knob 2: SPEED or MIC GAIN; TAP = SPEED/MIC select; HOLD = DELAY (QSK/VOX)

Column 2

Knob 1: HI-CUT or WIDTH; TAP = HI/WIDTH select; HOLD = PRESET I/II select

Knob 2: CMP or PWR; TAP = CMP/PWR select; HOLD = MONITOR (sidetone or voice)

[VFO A knob]

Column 3 (right of VFO A knob)

Switch 1: TAP = FREQ ENTRY; HOLD = SCAN

Switch 2: TAP = FINE on/off (1 Hz); HOLD = COARSE

Switch 3: TAP = RATE (10/50 Hz); HOLD = VFO LOCK

Switch 4: TAP = SUB on/off; HOLD = VFO LINK/UNLINK; LONG HOLD = DIVERSITY

Right Side Controls (right of LCD display bezel)

Columns 1/2/3: Numeric Keypad and Misc. Function Group

Note: The switches in these three columns form a 3x4 keypad for use with FREQ ENTRY, so the switches are listed by *row* (three each) in the list below. Switch '.' is used as the decimal point following MHz; switch '<' is used as an 'enter' key to accept the direct numeric frequency input. Directly below this 3x4 switch array is the VFO B knob.

Row 1

Switch 1: TAP = A/B; HOLD = BSET

Switch 2: No tap function; HOLD = A/B TEMPORARY REV

Switch 3: TAP = A>B; HOLD = SPLIT

Row 2

Switch 4: TAP = PRE on/off; HOLD = ATTN on/off

Switch 5: TAP = AGC slow/fast; HOLD = AGC on/off

Switch 6: TAP = XFIL; HOLD = DUAL PB (dual-PB CW or dual-peak RTTY filter)

Row 3

Switch 7: TAP = NB on/off; HOLD = NB LEVEL (VFO A = DSP NB, VFO B = IF NB)

Switch 8: TAP = NR on/off; HOLD = NR ADJUST (use VFO B)

Switch 9: TAP = NOTCH; HOLD = MANUAL NOTCH (use VFO to set notch freq.)

Row 4

Switch .: TAP = SPOT (or autospot if CWT is ON); HOLD = PITCH

Switch 0: TAP = CWT on/off; HOLD = TEXT DEC

Switch <: TAP = AFX on/off (simulated stereo, etc.); HOLD = DATA MD

Columns 4/5: Memory, DVR, Message, and RIT/XIT Control Group

Note: The switches in this group form an irregular array, treated differently in the list below. The first row of 2 switches are for memory and DVR control. Below this is a group of four switches arranged in a circle (M1-M2 on the top of the circle, and M3-M4 on the bottom), with a fifth switch in the middle (REC). These are used for instant message play (CW/DATA or with DVR). They may also be used with the memory switches as per-band "quick memories". Below the circular group is a group of 3 switches used for RIT/XIT control, and below this, the RIT/XIT OFFSET control knob.

Row 1: Memory and DVR Controls (rightmost controls on panel)

Left switch: TAP = V>M; HOLD = AF RECORD (DVR)

Right switch: TAP = M>V; HOLD = AF PLAY (DVR)

Row 2 (circular switch array):

M1-M2 (top), M3-M4 (bottom): TAP M1-M4 = msg play; HOLD M1-M4 = msg repeat

Center switch: TAP = MSG RECORD (follow w/M1-M4); HOLD = msg bank 1/2 select

Row 3: RIT and XIT Controls

Left switch: TAP = RIT on/off; HOLD = programmable menu function PF1

Right switch: TAP = XIT on/off; HOLD = programmable menu function PF2

Bottom switch: TAP = RIT/XIT CLR (tap again to undo clear, if enabled)

Knob: RIT/XIT offset control